

recording data indicative of the control signal adjustment on the apparatus.

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~~47.~~ The method of claim ³²46 wherein the apparatus is a fuel injector; and

the plurality of operating conditions include different engine operating conditions.

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~~48.~~ The method of claim ³³47 wherein the control signal adjustment includes a fuel injection quantity adjustment that is a function of an operating condition of the fuel injector.

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~~49.~~ The method of claim ³⁴48 wherein said recording step includes a step of attaching a bar code to the fuel injector.

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~~50.~~ The method of claim ³⁵49 wherein the control signal adjustment includes a fuel injection timing adjustment.

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~~51.~~ The method of claim ³⁶50 wherein said attaching step includes a step of locating the bar code at a location that is readable after the fuel injector is installed in an engine.

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~~52.~~ A method of operating an apparatus of a type having measurable resultant characteristics at a plurality of operating conditions when controlled in accordance with a control signal, comprising the steps of:

reading data recorded on the apparatus that is indicative of a control signal adjustment;

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inputting the control signal adjustment data into an electronic control module;

establishing a control communication link between the apparatus and the electronic control module; and

controlling the apparatus in accordance with an adjusted control signal that is a function of a nominal control signal, an operating condition and the control signal adjustment data.

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~~53.~~ The method of claim ³⁸ 52 wherein the apparatus is a fuel injector; and the method includes a step of:

installing the fuel injector in an engine.

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~~54.~~ The method of claim ³⁹ 53 wherein said reading step includes a step of scanning a bar code attached to the fuel injector.

⁴¹
~~55.~~ The method of claim ⁴⁰ 54 wherein the control signal adjustment data includes fuel injection quantity adjustment data that is a function of an operating condition of the fuel injector.

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~~56.~~ The method of claim ⁴¹ 55 wherein the control signal adjustment data includes fuel injection timing adjustment data.

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~~57.~~ An actuatable mechanism that produces a measurable resultant characteristic in response to an electronic control signal, comprising:

a body;

an electrical actuator attached to said body;